

## **II. Amendments to the Claims**

1 - 33. (Cancelled)

34. (Previously Presented) An apparatus for treating gas with at least one agent, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet;
- b) a single chamber within said housing having an entry port and an exit port, the entry port for connection to a laparoscopic insufflator to receive therefrom a gas stream; and the exit port for exit of the gas stream from the single chamber; and
- c) a first quantity of a pharmacologic agent contained within the chamber and positioned such that a portion of the pharmacologic agent may be admixed with and carried by the gas stream through the exit port.

35. (Previously Presented) The apparatus defined in Claim 34, and further comprising a container containing a second quantity of the pharmacologic agent, the container in fluid communication with the chamber.

36-37. (Cancelled)

38. (Previously Presented) The apparatus defined in Claim 35, wherein the container comprises a port to receive a quantity of an agent.

39. (Previously Presented) The apparatus defined in Claim 34, and further comprising at least one layer of an absorbent material positioned inside the chamber to absorb a quantity of the pharmacologic agent.

40-48. (Cancelled)

49. (Previously Presented) The apparatus defined in Claim 34, and further comprising:

- a) a back-up or reserve supply container; and
- b) an access tubing connecting said back up or reserve container to a charging port in fluid communication with the single chamber.

50. (Previously Presented) The apparatus defined in Claim 49, wherein the backup or reserve supply container hangs free of the apparatus.

51. (Previously Presented) The apparatus defined in Claim 49, wherein the backup or reserve supply container is attached to a portion of the apparatus.

52. (Previously Presented) The apparatus defined in Claim 34, and further comprising a humidity sensor positioned in the single chamber in the flow path of the gas stream.

53. (Previously Presented) The apparatus defined in Claim 34, and further comprising a heating element disposed within the chamber.

54. (Previously Presented) The apparatus defined in Claim 53, and further comprising:

- a) a temperature sensor disposed within the chamber.

55. (Previously Presented) An apparatus for treating gas with a humidifying solution and at least one pharmacologic agent, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet;
- b) a single chamber within said housing having an entry port communicating with the inlet of the housing and an exit port communicating with the outlet of the housing, the entry port for connection to a laparoscopic insufflator to receive there from a gas stream;

c) a first quantity of the humidifying solution contained within the single chamber and positioned such that a portion of the humidifying solution may be admixed with and carried by the gas stream through the exit port;

d) a first quantity of a pharmacologic agent contained within the single chamber and positioned such that a portion of the pharmacologic agent may be admixed with and carried by the gas stream through the exit port; and

e) a backup or reserve supply container for the pharmacologic agent and/or humidifying solution in fluid communication with said chamber.

56. (Previously Presented) The apparatus defined in Claim 55, and further comprising at least one container for containing a quantity of the humidifying solution and a quantity of the pharmacologic agent, the at least one container in fluid communication with the single chamber.

57-58. (Cancelled)

59. (Previously Presented) The apparatus defined in Claim 56, wherein the at least one container comprises a port to receive at least some of either or both of the humidifying solution or the pharmacologic agent.

60. (Previously Presented) The apparatus defined in Claim 55, and further comprising at least one layer of an absorbent material positioned inside the chamber to absorb at least a portion of the first quantity of the pharmacologic agent.

61-69. (Cancelled)

70. (Previously Presented) The apparatus defined in Claim 55, and further comprising an access tubing connecting the backup or reserve supply container to a charging port in fluid communication with the single chamber.

71. (Previously Presented) The apparatus defined in Claim 55, wherein the backup or reserve supply container hangs free of the apparatus.

72. (Previously Presented) The apparatus defined in Claim 55, wherein the backup or reserve supply container is attached to a portion of the apparatus.

73. (Previously Presented) The apparatus defined in Claim 55, and further comprising a humidity sensor positioned in the single chamber in the flow path of the gas stream.

74. (Previously Presented) The apparatus defined in Claim 55, and further comprising a heating element disposed within the single chamber.

75. (Previously Presented) The apparatus defined in Claim 74, and further comprising:

- a) a temperature sensor disposed within the single chamber.

76-96. (Cancelled)

97. (Currently Amended) An apparatus for treating carbon dioxide gas with at least one pharmacologic agent, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet; and
- b) at least a single chamber within said housing having an entry port and an exit port, the entry port for connection to a laparoscopic insufflator to receive therefrom a carbon dioxide gas stream; the single chamber receiving a first quantity of a pharmacologic agent to be admixed with and carried by the carbon dioxide gas stream, the exit port for exit of the carbon dioxide gas stream from the single chamber.

98. (Previously Presented) The apparatus defined in Claim 97, and further comprising a container containing a second quantity of the pharmacologic agent, the container in fluid communication with the chamber.

99. (Previously Presented) The apparatus defined in Claim 97, wherein the at least one single chamber is a single chamber within said housing having an entry port communicating with the inlet of the housing, and an exit port communicating with the outlet of the housing, the entry port for connection to the laparoscopic insufflator to receive therefrom the carbon dioxide gas stream; said chamber receiving a quantity of a humidifying solution and a quantity of the at least one pharmacologic agent; and a backup or reserve supply container for the at least one pharmacologic agent.

100. (Cancelled)

101. (Previously Presented) An apparatus for treating gas with at least one agent, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet;
- b) a single chamber within said housing having an entry port and an exit port, the entry port for connection to a laparoscopic insufflator to receive therefrom a gas stream; and the exit port for removal of the gas stream from the single chamber; and
- c) a quantity of the at least one agent contained within the chamber to be admixed with and carried by the gas stream for delivery to the peritoneum of a patient undergoing surgery.

102. (Previously Presented) An apparatus for treating gas with at least one agent, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet;
- b) a single chamber within said housing having an entry port and an exit port, the entry port for connection to a laparoscopic insufflator to receive there from a gas stream; and the exit port for exit of the gas stream from the single chamber; and
- c) a first quantity of a solid phase pharmacologic agent contained or introduced within the single chamber and positioned such that a portion of the solid phase pharmacologic agent may be admixed with and carried by the gas stream through the exit port.

103. (Previously Presented) The apparatus defined in Claim 102, where the solid phase agent is a fume or a dust.

104. (Previously Presented) An apparatus for treating a gas with at least one agent, the gas being received into the apparatus from a gas source, the apparatus comprising:

- a) a housing having an inlet and an outlet;
- b) a single chamber within said housing having an entry port and an exit port, the entry port for connection to a laparoscopic insufflator to receive



there from a gas stream; and the exit port for exit of the gas stream from the single chamber; and

c) a quantity of a liquid phase pharmacologic agent contained within the single chamber and positioned such that a portion of the liquid phase pharmacologic agent may be admixed and carried by the gas stream through the exit port.

105. (Previously Presented) The apparatus defined in Claim 104, wherein the liquid phase agent is a mist or a spray.

106. (Previously Presented) The apparatus defined in Claim 104, wherein the liquid phase agent is wicked off or dislodged from a container.